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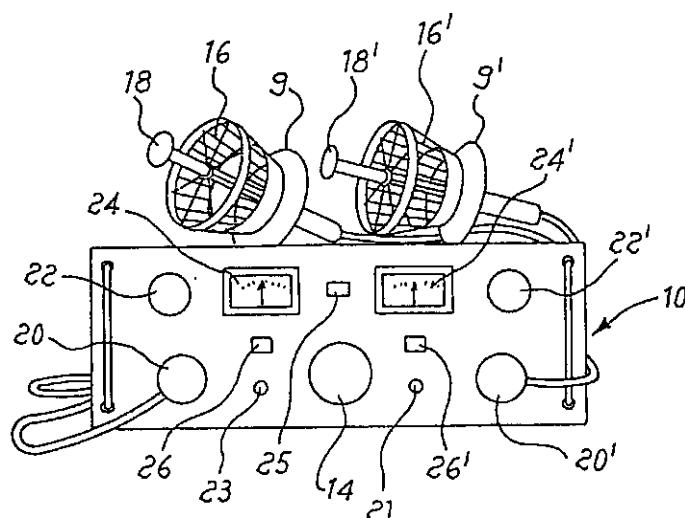
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(54) Title: AN APPARATUS FOR THE EMISSION OF A COMBINED FLUX OF ELECTRONS AND ELECTROMAGNETIC RADIATIONS PARTICULARLY SUITABLE FOR THE TREATMENT OF THE ATHEROMATOUS DISEASE



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(57) Abstract: An apparatus for the emission of a combined flux of electrons and electromagnetic radiations particularly suitable for the treatment of the atheromatous disease comprising: two electric circuits (2, 2') with opposed polarity, each supplying a direct current with a voltage comprised between 4,000 and 80,000 V and an intensity comprised between 0.05 and 0.5 mA; two outputs (8, 8'); two plate terminal wires (9, 9'), each of them (9, 9') being provided with at least one bundle of pointed wire elements (11, 11'), and means suitable for the identification of the coronary vessel corresponding to the stenosis or lesion to be treated and with control and drive means of said plate terminal wires so that the combined flux of electrons and electromagnetic radiations emitted is directed in a concentric and accurately targeted way towards said coronary vessel.